

ISSAQUAH SCHOOL DISTRICT
HOLLY STREET CAMPUS - CREEK BANK REPAIR
CITY OF ISSAQUAH, WA

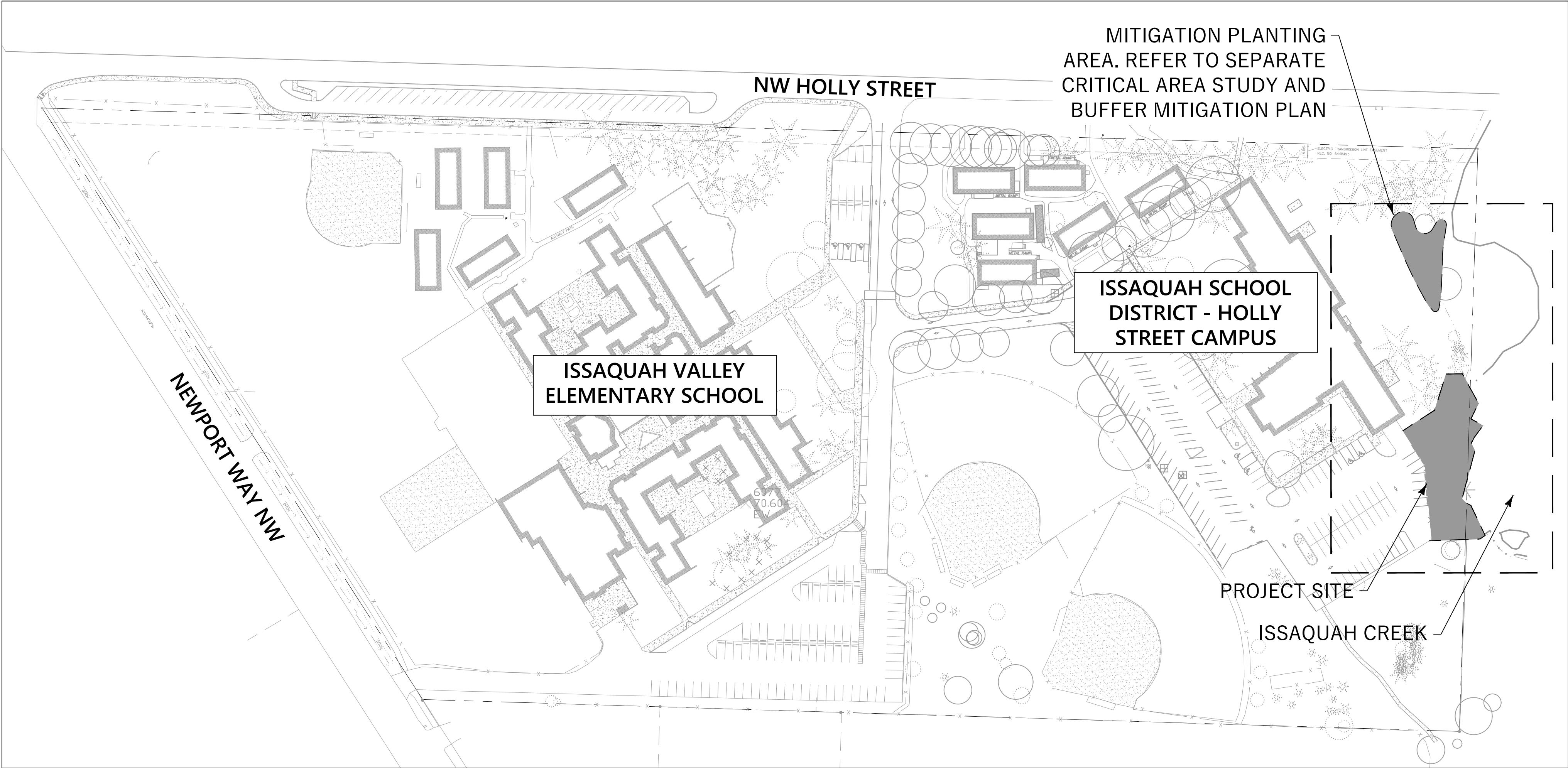
SHORELINE PERMIT
#SHO21-00018

GENERAL NOTES

- ALL DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH PERMIT CONDITIONS, THE ISSAQUAH MUNICIPAL CODE (IMC), THE ISSAQUAH PUBLIC WORKS STANDARDS AND THE CONDITIONS OF APPROVAL. IT SHALL BE THE SOLE RESPONSIBILITY OF THE APPLICANT/CONTRACTOR AND THE PROFESSIONAL CIVIL ENGINEER TO CORRECT ANY ERROR, OMISSION, OR DEVIATION FROM THE ABOVE REQUIREMENTS FOUND IN THESE PLANS. ALL CORRECTIONS SHALL BE AT NO ADDITIONAL COST OR LIABILITY TO THE CITY OF ISSAQUAH.
- THE DESIGN ELEMENTS WITHIN THESE PLANS HAVE BEEN REVIEWED ACCORDING TO THE CITY OF ISSAQUAH SITE WORK PERMIT SUBMITTAL REVIEW CHECKLIST. ANY DEVIATION FROM ADOPTED STANDARDS IS NOT ALLOWED UNLESS SPECIFICALLY APPROVED BY THE CITY IN WRITING PRIOR TO CONSTRUCTION.
- APPROVAL OF THIS PLAN DOES NOT CONSTITUTE AN APPROVAL OF UTILITIES NOT OWNED BY THE CITY (E.G. DOMESTIC WATER CONVEYANCE, SEWER CONVEYANCE, GAS, ELECTRICAL, ETC.).
- PRIOR TO ANY CONSTRUCTION OR DEVELOPMENT ACTIVITY, A PRECONSTRUCTION MEETING SHALL BE HELD BETWEEN THE CITY OF ISSAQUAH, THE APPLICANT(S), AND THE APPLICANT'S CONSTRUCTION REPRESENTATIVE.
- A COPY OF THESE APPROVED PLANS SHALL BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
- CONSTRUCTION HOURS ARE 7:00 AM TO 6:00 PM MONDAY THROUGH FRIDAY. WORK IS NOT ALLOWED ON SUNDAYS AND SOME HOLIDAYS IN ACCORDANCE WITH THE ISSAQUAH MUNICIPAL CODE. CONSTRUCTION IS NOT ALLOWED ON SATURDAY OR SUNDAY.
- IT SHALL BE THE APPLICANT'S/CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL NECESSARY CONSTRUCTION EASEMENTS BEFORE INITIATING ANY OFF-SITE WORK.
- DEWATERING (GROUNDWATER) SYSTEM CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CURRENT WSDOT STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH, AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACTOR. ANY WORK WITHIN THE TRAVELED RIGHT-OF-WAY THAT MAY INTERRUPT NORMAL TRAFFIC FLOW MUST FOLLOW MUTCD. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SHALL APPLY. WORK IN RIGHT-OF-WAY IS NOT AUTHORIZED UNTIL A TRAFFIC CONTROL PLAN IS APPROVED BY THE CITY.
- ANY CHANGES TO THE APPROVED PLANS MAY REQUIRE A REVISION APPROVED BY THE CITY. NO CONSTRUCTION ON THESE CHANGES SHALL BEGIN UNTIL APPROVED BY THE CITY.
- PER RCW SECTION 19.122, CALL 811 BETWEEN TEN (10) AND TWO (2) BUSINESS DAYS TO ENSURE ANY UNDERGROUND UTILITIES ARE LOCATED PRIOR TO EXCAVATION BEFORE BEGINNING EXCAVATION WHERE ANY UNDERGROUND UTILITIES MAY BE LOCATED. FAILURE TO DO SO COULD MEAN BEARING SUBSTANTIAL REPAIR COSTS.
- APPROXIMATE LOCATIONS OF EXISTING UTILITIES HAVE BEEN OBTAINED FROM AVAILABLE RECORDS AND ARE SHOWN FOR CONVENIENCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF EXISTING UTILITY LOCATIONS WHETHER OR NOT THESE UTILITIES ARE SHOWN ON THE PLANS. THE CONTRACTOR SHALL EXERCISE ALL CARE TO AVOID DAMAGE TO ANY UTILITY. IF CONFLICTS WITH EXISTING UTILITIES ARISE DURING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE CITY OF ISSAQUAH SITE INSPECTOR AND ANY CHANGES REQUIRED SHALL BE APPROVED BY THE CITY OF ISSAQUAH SITE INSPECTOR PRIOR TO COMMENCEMENT OF RELATED CONSTRUCTION ON THE PROJECT. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT UTILITY LOCATES ARE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
- ALL DAMAGES INCURRED TO PUBLIC AND/OR PRIVATE PROPERTY BY THE CONTRACTOR DURING THE COURSE OF CONSTRUCTION SHALL BE PROMPTLY REPAIRED TO THE SATISFACTION OF THE COMMUNITY PLANNING AND DEVELOPMENT CONSTRUCTION INSPECTOR BEFORE PROJECT APPROVAL AND/OR THE RELEASE OF THE PROJECT'S PERFORMANCE BOND.
- ALL LANDSCAPED AREAS OF THE PROJECT SHALL INCLUDE A MINIMUM OF 8-INCHES OF COMPOSTED SOIL AMENDMENT ATOP A MINIMUM OF 4-INCHES SCARIFIED SOIL. LANDSCAPE AREAS SHALL BE SUBJECT TO AMENDMENTS IN ACCORDANCE WITH THE RESTORATION AND PLANTING PLAN.
- NO FINAL CUT OR FILL SLOPE SHALL EXCEED SLOPES OF TWO (2) HORIZONTAL TO ONE (1) VERTICAL WITHOUT STABILIZATION BY ROCKERY OR BY A STRUCTURAL RETAINING WALL, UNLESS DESIGNED AND COMPLETED UNDER THE SUPERVISION OF A LICENSED GEOTECHNICAL ENGINEER.
- THESE PLANS ARE APPROVED FOR STREAM BANK RESTORATION AND STANDARD DRAINAGE IMPROVEMENTS ONLY. STRUCTURES SUCH AS BRIDGES, VAULTS, AND RETAINING WALLS REQUIRE ADDITIONAL PERMITS FROM THE CITY PRIOR TO CONSTRUCTION.
- NO MATERIALS OR EQUIPMENT SHALL BE PLACED OR STORED ON PUBLIC RIGHT-OF-WAY AT ANY TIME.
- ANY CONSTRUCTION RESULTING IN A NEED FOR TRAFFIC CONTROL WITHIN THE PUBLIC RIGHT-OF-WAY SHALL REQUIRE A RIGHT-OF-WAY PERMIT APPROVED BY THE CITY.
- CONSTRUCTION NOISE SHALL BE LIMITED TO THE CONSTRUCTION HOURS AS STATED IN ISSAQUAH MUNICIPAL CODE.

VICINITY MAP

SCALE: 1"=80'



SITE AREA: ±12,400 SF

SHEET INDEX:

- C100 - COVER SHEET
- C110 - SPECIFICATIONS & NOTES
- C200 - TEMPORARY EROSION AND SEDIMENT CONTROL PLAN
- C210 - T.E.S.C DETAILS
- C300 - CONSTRUCTION SITE PLAN
- C310 - CONSTRUCTION DETAILS
- C311 - STREAM SECTIONS

SITE DATA SUMMARY:

PARCEL NUMBER: 2824069012

LEGAL DESCRIPTION:

THAT PORTION OF THE FOLLOWING DESCRIBED PROPERTY LYING EAST OF THE NEWPORT-ISSAQUAH ROAD AS CONVEYED TO KING COUNTY BY DEED RECORDED UNDER RECORDING NUMBER 856717:

THE SOUTH HALF OF THE NORTH HALF OF THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER; ALSO THE SOUTH 58.5 FEET OF THE EAST 336 FEET OF THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER, ALL IN SECTION 28, TOWNSHIP 24 NORTH, RANGE 6 EAST, WILLAMETTE MERIDIAN, IN KING COUNTY, WASHINGTON;

TOGETHER WITH THE NORTH HALF OF THE NORTH HALF OF THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER; ALSO THE NORTH 330 FEET OF THE EAST 336 FEET OF THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER, ALL IN SECTION 28, TOWNSHIP 24 NORTH, RANGE 6 EAST, WILLAMETTE MERIDIAN, IN KING COUNTY WASHINGTON;

EXCEPT THAT PORTION THEREOF AS DEEDED TO KING COUNTY FOR STREET PURPOSES BY DEED RECORDED UNDER RECORDING NUMBER 8008250588.

ADDRESS: 565 NW HOLLY ST, ISSAQUAH, WA 98027

GROSS SITE AREA: 841,186 SF (19.31 ACRES)

APPLICABLE CODE: 2012 STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON, AS AMENDED IN DECEMBER 2014

ZONING: CF-F (COMMUNITY FACILITIES - FACILITIES)

EXISTING PERVIOUS SURFACE: N/A
EXISTING IMPERVIOUS SURFACE: N/A

PROPOSED PERVIOUS SURFACE: N/A
PROPOSED IMPERVIOUS SURFACE: N/A

CUBIC YARDS OF CUT: 450 CY
CUBIC YARDS OF FILL: 780 CY

PROJECT CONTACT INFORMATION:

OWNER

ISSAQUAH SCHOOL DISTRICT
5150 220TH AVE SE
ISSAQUAH, WA 98029

EMAIL: WALKERJ2@ISSAQUAH.WEDNET.EDU
PHONE: 425.306.4022
CONTACT: JANELLE WALKER

SURVEYOR

GROUP FOUR
16030 JUANITA-WOODINVILLE WAY NE
BOTHEL, WA 98011

PHONE: 425.775.4581
CONTACT: DANIEL ROUPE, PLS

CIVIL ENGINEER

LATITUDE 48 ENGINEERS
600 1ST AVENUE
SEATTLE, WA 98104

EMAIL: CHASEN@LATITUDE-48.COM
PHONE: 206.556.1615
CONTACT: CHASEN SIMPSON, PE

WETLAND ECOLOGIST

WETLAND RESOURCES, INC.
9505 19TH AVE SE #106
EVERETT, WA 98208

EMAIL: MERYL@WETLANDRESOURCES.COM
PHONE: 425.337.3174
CONTACT: MERYL KAMOWSKI

GEOTECHNICAL ENGINEER

NELSON GEOTECHNICAL ASSOCIATES, INC.
17311 135TH AVE. N.E. SUITE A-500
WOODINVILLE, WA 98072

EMAIL: KHALS@NELSONGEOTECH.COM
PHONE: 425.486.1669
CONTACT: KHAL M. SHAWISH, PE



ISD HOLLY STREET CAMPUS
PERMANENT CREEK REPAIR

565 NW HOLLY STREET
ISSAQUAH, WA 98027

NO.	REVISION / ISSUE	DATE

OWNER:

ISSAQUAH SCHOOL DISTRICT
5150 220TH AVE SE
ISSAQUAH, WA 98029

CONTACT: JANELLE WALKER
PHONE: 425.306.4022

GEOTECHNICAL ENGINEER:

NELSON GEOTECHNICAL ASSOCIATES
17311 135TH AVE. N.E. SUITE A-500
WOODINVILLE, WA 98072

CONTACT: KHAL M. SHAWISH, PE
PHONE: 425.486.1669

PROJECT: 2020-19 SHEET:

DATE: 2021.10.22

SCALE: SEE PLAN

C-100

COVER SHEET

SPECIFICATIONS

ALL WORK PERFORMED UNDER THESE CONTRACT DOCUMENTS SHALL BE IN ACCORDANCE WITH THE STATE OF WASHINGTON STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION, M41-10, MOST RECENT VERSION. IN THE EVENT OF A CONFLICT BETWEEN THE FOLLOWING ATTACHED SPECIFICATIONS AND THE STATE OF WASHINGTON STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION, M41-10, THE ATTACHED SPECIFICATIONS ON THIS SHEET FOR THIS CONTRACT SHALL PREVAIL. SPECIAL PROVISIONS SHALL FOLLOW AND THEN THE WSDOT M41-10. THE FOLLOWING MOST CURRENT PROVISIONS, CODES AND SPECIFIC MATERIAL AND WORKMANSHIP SPECIFICATIONS ARE ATTACHED TO THIS CONTRACT AND SHALL BE ADHERED TO:

AAWA	ARCHITECTURAL ALUMINUM MANUFACTURES' ASSOCIATION
ACI	AMERICAN CONCRETE INSTITUTE
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APA	AMERICAN PLYWOOD ASSOCIATION
APWA	AMERICAN PUBLIC WORKS ASSOCIATION
AREA	AMERICAN RAILWAY ENGINEERING ASSOCIATION
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS
ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR CONDITIONING ENGINEERS
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
ASTM	AMERICAN SOCIETY FOR TESTING OF MATERIALS
AWPA	AMERICAN WOOD PRESERVERS ASSOCIATION
AWS	AMERICAN WELDING SOCIETY
AWWA	AMERICAN WATER WORKS ASSOCIATION
WSDOT	WASHINGTON STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION, M41-10

ITEMS IN SPECIFICATIONS
CERTAIN ITEMS DESCRIBED IN THE SPECIFICATION MAY NOT BE UTILIZED IN THIS PROJECT BUT ARE LISTED AS GENERAL ITEMS AND MAY OR MAY NOT APPLY SPECIFICALLY TO THIS PROJECT.

ALTERNATES
ALTERNATIVE MATERIALS AND CONSTRUCTION METHODS ARE ACCEPTABLE. THE OVERALL SIZE AND CONCEPT OF THE PROJECT SHALL BE UNCHANGED. ALTERNATE METHODS OF CONSTRUCTION AND ANY DIMENSIONAL ALTERNATES SHALL BE PROVIDED IN WRITING FOR APPROVAL BY THE ENGINEER, PRIOR TO INSTALLATION. CHANGES IN COST ASSOCIATED WITH ALTERNATES SHALL BE AT THE RISK OF THE CONTRACTOR. ANY ALTERNATES INSTALLED WITHOUT PRIOR WRITTEN APPROVAL MAY BE REMOVED AND REPLACED AT THE DISCRETION OF THE ENGINEER AT NO COST TO THE OWNER.

SUBMITTALS
SUBMITTALS FOR APPURTENANCES INSTALLED UNDER THIS CONTRACT SHALL BE PROVIDED TO THE ENGINEER PRIOR TO INSTALLATION FOR APPROVAL. THE FOLLOWING NOTES APPLY UNLESS INDICATED OTHERWISE:

SPECIAL INSPECTION, AS NOTED SHALL BE PROVIDED BY THE OWNER'S REPRESENTATIVE.

CRUSHED GRAVEL SURFACING
CRUSHED GRAVEL SURFACING SHALL MEET WSDOT SPEC. 9-03.9(3) FOR CRUSHED SURFACING ROCK AND SHALL MEET WSDOT SPEC. 9-03.9(3) FOR BASE COURSE OR TOP COARSE AS INDICATED ON THE DRAWINGS.

RIPRAP
WSDOT SPEC. 9-13.1(2) LIGHT LOOSE RIP RAP.

QUARRY SPALLS
QUARRY SPALLS SHALL BE WSDOT 9-13.6

FISH MIX
FISH MIX GRAVEL SHALL CONSIST OF WASHED ROUND RIVER GRAVEL CONSISTING BY VOLUME OF 60% SAND TO 2" ROCK, AS PER WSDOT 9-03.11(1) STREAMBED SEDIMENT AND 20% 2" TO 6" ROCK, PER WSDOT 9-03.11(2) STREAMBED COBBLES AND 20% 6" TO 18" ROCK AS WSDOT 9-03.11(2) STREAMBED COBBLES. FISH MIX SHALL BE SUPPLEMENTED AS NECESSARY WITH NATIVE BED MATERIAL AND/OR IMPORTED PIT RUN IN ORDER TO MATCH EXISTING BED MATERIAL GRADATION AND PREVENT SUBSURFACE FLOW. ALL FISH MIX GRAVEL SHALL BE APPROVED IN WRITING BY THE ENGINEER AT THE GRAVEL PIT PRIOR TO DELIVERY OF SITE.

ANCHOR BOLTS
ANCHOR BOLTS SHALL BE HOT DIPPED GALVANIZED ASTM A307. SET ALL ANCHOR BOLTS BY TEMPLATE OR DRILLED IN EPOXY AT 7 DAYS POST CONCRETE PLACEMENT.

ADHESIVE ANCHORS
"HIT HY-200 OR 200 R" BY HILTI INC.,SIMPSON SET-XP OR AT-XP10, USE HDG A36 OR A307 THREADED ROD. ICBO CERTIFICATION REQUIRED. SPECIAL INSPECTION REQUIRED.

DRILL IN EXPANSION BOLTS NOT ALLOWED
EXPANSION ANCHORS NOT ALLOWED. "KWIK-BOLTS" BY HILTI FASTENING SYSTEMS, "PARABOLTS" BY USM CORP, "RED HEAD WEDGE ANCHOR" BY ITT PHILLIPS NOT ALLOWED.

REVEGETATION WHERE APPLICABLE
REVEGETATE ALL DISTURBED AREAS OF CONSTRUCTION. REPLANT RIPARIAN AREAS AS FOLLOWS: RED OSIER DOGWOOD AND WILLOW (SALIX SPP.) SHALL BE LIVE STAKED ALONG THE WATERS EDGE AT 2'-0" ON CENTER FOR 4 ROWS BACK FROM ANTICIPATED ORDINARY HIGH WATER (OHW) EDGE. DISTURBED AREAS 10' FROM OHW EDGE SHALL BE REPLANTED AS FOLLOWS: WESTERN RED CEDAR, BLACK COTTONWOOD AND DOUGLAS FIR SHALL BE INTERSPERSED AND PLANTED AS PULL UPS WITH ROOTS IN SOIL THROUGHOUT DISTURBED UPLAND AREAS @ 25' O.C.. EROSION CONTROL SEED MIXTURE APPROPRIATE FOR LOCAL SHALL BE HAND BROADCAST OR HYDROSEEDDED IN ALL UPLAND DISTURBED AREAS.

STREAMBED COBBLES AND BOULDERS
STREAMBED ROCK INCLUDING COBBLES AND BOULDERS SHALL BE IN CONFORMANCE WITH WSDOT SPEC. 9-03.11(2) AND 9-03.11(3). ROCK SIZE SHALL BE AS INDICATED ON THE PLANS AND SHALL BE AS FOUND IN A NATURALLY OCCURRING FLUVIAL SEDIMENT AND SHALL BE ROUNDED OR SEMI-ROUNDED.

EROSION CONTROL SEED MIXTURE
EROSION CONTROL SEED MIXTURE SHALL CONSIST OF 20% WHITE CLOVER, 20% ANNUAL RYE, 60% CREEPING RED FESCUE.

ROOTWADS AND LARGE WOODY DEBRIS (LWD)
ROOTWADS AND LARGE ORGANIC DEBRIS SHALL BE UTILIZED FROM LIVE TREES AND SHALL HAVE A MINIMUM OF 30 FEET OF TREE STEM INTEGRAL WITH THE ROOTS UNO. LWD SHALL BE FROM LIVE OR RECENTLY LIVE WOOD. ALL LWD SHALL HAVE A MINIMUM DIAMETER OF 10" AT THE SMALL TAPERED END UNO. LWD SHALL BE DOUGLAS FIR OR WESTERN RED CEDAR UNLESS OTHERWISE APPROVED BY PROJECT ENGINEER. ANCHOR HABITAT BOULDERS SHALL BE 2, 3 AND 4 MAN ROCKS AS PER WSDOT AND AS NOTED ON THE PLANS. ALL ANCHORAGE SHALL BE FASTENED USING 3/8"-19 MINIMUM DIAMETER GALVANIZED OR STAINLESS STEEL CABLE OR HDG 3/8" α STEEL CHAIN AS INDICATED ON THE DRAWINGS. ALL CHAIN AND CABLE SHALL BE FASTENED WITH HDG STEEL CLAMPS AND LIBERAL QUANTITIES OF HDG 3/8"X4" STEEL STAPLES.

TEMPORARY EROSION AND SEDIMENT CONTROL NOTES

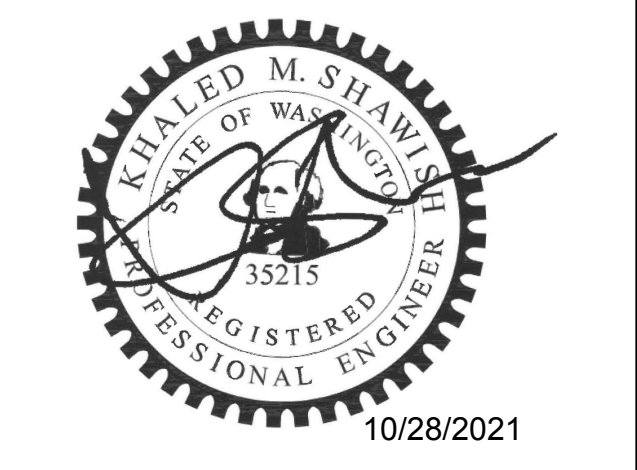
TEMPORARY EROSION AND SEDIMENT CONTROL NOTES

1. APPROVAL OF THIS ESC PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G., SIZE AND LOCATION OF ROADS, PIPES, RESTRICTORS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETC.).
2. THE IMPLEMENTATION OF THIS ESC PLAN AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE APPLICANT/ESC SUPERVISOR UNTIL ALL CONSTRUCTION IS APPROVED.
3. THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED BY SURVEY TAPE OR FENCING, PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, DISTURBANCE BEYOND THE CLEARING LIMITS IS NOT PERMITTED. THE CLEARING LIMITS SHALL BE MAINTAINED BY THE APPLICANT/ESC SUPERVISOR FOR THE DURATION OF CONSTRUCTION.
4. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES, SUCH AS CONSTRUCTED WHEEL WASH SYSTEMS OR WASH PADS, MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN AND TRACK OUT TO ROAD RIGHT—OF—WAY DOES NOT OCCUR FOR THE DURATION OF THE PROJECT.
5. THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED PRIOR TO OR IN CONJUNCTION WITH ALL CLEARING AND GRADING SO AS TO ENSURE THAT THE TRANSPORT OF SEDIMENT TO SURFACE WATERS, DRAINAGE SYSTEMS, FLOW CONTROL BMP LOCATIONS (EXISTING AND PROPOSED), AND ADJACENT PROPERTIES IS MINIMIZED.
6. THE ESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND MODIFIED TO ACCOUNT FOR CHANGING SITE CONDITIONS (E.G., ADDITIONAL COVER MEASURES, ADDITIONAL SUMP PUMPS, RELOCATION OF DITCHES AND SILT FENCES, PERIMETER PROTECTION ETC.) OR AS DIRECTED BY THE CITY.
7. THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE APPLICANT/ESC SUPERVISOR DURING NON—RAINFALL PERIODS, EVERY HOUR (DAYLIGHT) DURING A RAINFALL EVENT, AND AT THE END OF EVERY RAINFALL, AND MAINTAINED TO ENSURE THEIR CONTINUED PROPER FUNCTIONING. IN ADDITION, TEMPORARY SILTATION PONDS AND ALL TEMPORARY SILTATION CONTROLS SHALL BE MAINTAINED IN A SATISFACTORY CONDITION UNTIL SUCH TIME THAT CLEARING AND/OR CONSTRUCTION IS COMPLETED, PERMANENT DRAINAGE FACILITIES ARE OPERATIONAL, AND THE POTENTIAL FOR EROSION HAS PASSED. WRITTEN RECORDS SHALL BE KEPT OF WEEKLY REVIEWS OF THE ESC FACILITIES DURING THE WET SEASON (OCT. 1 TO APRIL 30) AND OF MONTHLY REVIEWS DURING THE DRY SEASON (MAY 1 TO SEPT 30).
8. ANY AREAS OF EXPOSED SOILS, INCLUDING ROADWAY EMBANKMENTS, THAT WILL NOT BE DISTURBED FOR TWO CONSECUTIVE DAYS DURING THE WET SEASON OR SEVEN DAYS DURING THE DRY SEASON SHALL BE IMMEDIATELY STABILIZED WITH THE APPROVED ESC COVER METHODS (E.G., SEEDING, MULCHING, PLASTIC COVERING, ETC.).
9. ANY AREA NEEDING ESC MEASURES THAT DO NOT REQUIRE IMMEDIATE ATTENTION SHALL BE ADDRESSED WITHIN SEVEN (7) DAYS.
10. THE ESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH (MORE FREQUENTLY AS REQUIRED BY THE PUBLIC WORKS CONSTRUCTION INSPECTOR) OR WITHIN TWENTY—FOUR (24) HOURS FOLLOWING A STORM EVENT.
11. AT NO TIME SHALL MORE THAN ONE (1) FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT—LADEN WATER INTO THE DOWNSTREAM SYSTEM.
12. ANY PERMANENT RETENTION/DETENTION FACILITY USED AS A TEMPORARY SETTLING BASIN SHALL BE MODIFIED WITH THE NECESSARY EROSION CONTROL MEASURES AND SHALL PROVIDE ADEQUATE STORAGE CAPACITY. IF THE FACILITY IS TO FUNCTION ULTIMATELY AS AN INFILTRATION SYSTEM, THE PERMANENT FACILITY SHALL NOT BE USED AS A TEMPORARY SETTLING BASIN, ELSE THE TEMPORARY FACILITY MUST BE GRADED SO THAT THE BOTTOM AND SIDES ARE AT LEAST THREE FEET ABOVE THE FINAL GRADE OF THE PERMANENT FACILITY. NO UNDERGROUND DETENTION TANK, DETENTION VAULT, OR SYSTEM WHICH BACKS UNDER OR INTO A POND SHALL BE USED AS A TEMPORARY SETTLING BASIN. FLOW CONTROL BMP AREAS (EXISTING OR PROPOSED) SHALL NOT BE USED AS TEMPORARY FACILITIES AND SHALL BE PROTECTED FROM SEDIMENTATION AND INTRUSION.
13. COVER MEASURES WILL BE APPLIED IN CONFORMANCE WITH APPENDIX D OF THE 2019 STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON (ECOLOGY).
14. PRIOR TO THE BEGINNING OF THE WET SEASON (OCTOBER 1) OF EACH YEAR, ALL DISTURBED AREAS SHALL BE REVIEWED TO IDENTIFY WHICH ONES CAN BE SEEDD IN PREPARATION FOR THE WINTER RAINS. THE IDENTIFIED DISTURBED AREA SHALL BE SEEDD WITHIN ONE WEEK AFTER OCTOBER 1. A SKETCH MAP DEPICTING THE AREAS TO BE SEEDD AND THE AREAS TO REMAIN UNCOVERED SHALL BE SUBMITTED TO THE PUBLIC WORKS CONSTRUCTION INSPECTOR. THE INSPECTOR MAY REQUIRE SEEDING OF ADDITIONAL AREAS IN ORDER TO PROTECT SURFACE WATERS, ADJACENT PROPERTIES, OR DRAINAGE FACILITIES.
15. ALL EROSION/SEDIMENTATION CONTROL PONDS WITH A DEAD STORAGE DEPTH EXCEEDING SIX INCHES (6") MUST HAVE A HIGHLY VISIBLE PERIMETER FENCE WITH A MINIMUM HEIGHT OF THREE FEET (3').
16. ALL LOTS ADJOINING OR HAVING ANY NATIVE GROWTH PROTECTION EASEMENTS (NGPE) OR SENSITIVE AREA TRACT SHALL HAVE A MINIMUM FOUR—FOOT (4') HIGH TEMPORARY CONSTRUCTION FENCE (CYCLONE OR PLASTIC MESH) SEPARATING THE LOT (OR BUILDABLE PORTIONS OF THE LOT) FROM THE AREA RESTRICTED BY THE NGPE AND SHALL BE INSTALLED PRIOR TO ANY GRADING OR CLEARING AND REMAIN IN PLACE UNTIL A DWELLING IS CONSTRUCTED AND OWNERSHIP TRANSFERRED TO THE FIRST OWNER/OCCUPANT. CLEARING LIMITS SHALL BE Delineated WITH A CLEARING CONTROL FENCE. THE CLEARING CONTROL FENCE SHALL CONSIST OF A FOUR—FOOT (4') HIGH TEMPORARY CONSTRUCTION FENCE. CLEARING CONTROL FENCES ALONG WETLAND OR STREAM BUFFERS OR UPSLOPE OF SENSITIVE SLOPES SHALL BE ACCOMPANIED BY TWO ROWS OF EROSION CONTROL FENCE. IF DETERMINED APPROPRIATE BY CITY OF ISSAQUAH A SIX—FOOT (6') HIGH CHAIN LINK FENCE MAY BE REQUIRED.
17. IF SEDIMENT IS TRACKED OFFSITE, PUBLIC ROADS SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY, OR MORE FREQUENTLY DURING WET WEATHER, IF NECESSARY TO PREVENT SEDIMENT FROM ENTERING WATERS OF THE STATE. SEDIMENT SHALL BE REMOVED FROM ROADS BY SHOVELING OR PICKUP SWEEPING AND SHALL BE TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA. STREET WASHING WILL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER. STREET WASH WASTEWATER SHALL BE CONTROLLED BY PUMPING BACK ONSITE, OR OTHERWISE BE PREVENTED FROM DISCHARGING INTO DRAINAGE SYSTEMS TRIBUTARY TO SURFACE WATERS.
18. ANY CATCH BASINS COLLECTING RUNOFF FROM THE SITE, WHETHER THEY ARE ON OR OFF THE SITE, SHALL HAVE THEIR GRATES COVERED WITH FILTER FABRIC DURING CONSTRUCTION. CATCH BASINS DIRECTLY DOWNSTREAM OF THE CONSTRUCTION ENTRANCE OR ANY OTHER CATCH BASIN AS DETERMINED BY THE PUBLIC WORKS CONSTRUCTION INSPECTOR SHALL BE PROTECTED WITH A 'FILTER FABRIC SOCK' OR EQUIVALENT. AT NO TIME SHALL MORE SEDIMENT THAN ONE—THIRD (1/3) OF THE AVAILABLE STORAGE BE ALLOWED TO ACCUMULATE WITHIN A CATCH BASIN INSERT.
20. THE WASHED GRAVEL BACKFILL ADJACENT TO THE FILTER FABRIC FENCE SHALL BE REPLACED AND THE FILTER FABRIC CLEANED IF IT IS NONFUNCTIONAL BY EXCESSIVE SILT ACCUMULATION AS DETERMINED BY THE CITY OF ISSAQUAH PUBLIC WORKS CONSTRUCTION INSPECTOR. ALL INTERCEPTOR SWALES SHALL BE CLEANED IF SILT ACCUMULATION EXCEEDS ONE—HALF FOOT (0.5') DEPTH.
21. ROCK FOR EROSION PROTECTION OF ROADWAY DITCHES, WHERE REQUIRED, MUST BE OF SOUND QUARRY ROCK, PLACED TO A DEPTH OF 1' AND MUST MEET WSDOT SPECIFICATIONS 4"-8" ROCK/40%-70% PASSING; 2"-4" ROCK/30%-40% PASSING; AND 1"-2" ROCK/10%-20% PASSING.
22. FLUSHING CONCRETE BY—PRODUCTS OR TRUCKS NEAR OR INTO THE STORM DRAINAGE SYSTEM SHALL NOT BE ALLOWED. IF EXPOSED AGGREGATE IS FLUSHED INTO THE STORM SYSTEM, IT MAY RESULT IN RE—INSPECTION AND RE—CLEANING THE ENTIRE AFFECTED DOWNSTREAM STORM SYSTEM, OR POSSIBLY RE—LAYING THE STORM LINE.
23. MAXIMUM RELEASE RATE FROM THE SITE AT ANY TIME DURING CONSTRUCTION AND DURING THE MAINTENANCE AND DEFECT PERIOD SHALL BE NO MORE THAN ONE—HALF OF THE 2—YEAR PEAK FLOW WHEN THE FLOW CONTROL STRUCTURE IS BYPASSED.
24. DURING THE WET SEASON (OCTOBER 1 — APRIL 30) NOTES:
 - A. THE ALLOWED TIME THAT A DISTURBED AREA MAY REMAIN UNWORKED WITHOUT COVER MEASURES IS REDUCED TO TWO CONSECUTIVE WORKING DAYS, RATHER THAN SEVEN (SECTION D.2.1.2).
 - B. STOCKPILES AND STEEP CUT AND FILL SLOPES ARE TO BE PROTECTED IF UNWORKED FOR MORE THAN 12 HOURS (SECTION D.2.1.2).
 - C. COVER MATERIALS SUFFICIENT TO COVER ALL DISTURBED AREAS SHALL BE STOCKPILED ON SITE (SECTION D.2.1.2).
 - D. ALL AREAS THAT ARE TO BE UNWORKED DURING THE WET SEASON SHALL BE SEEDED WITHIN ONE WEEK OF THE BEGINNING OF THE WET SEASON (SECTION D.2.1.2.6).
 - E. MULCH IS REQUIRED TO PROTECT ALL SEEDED AREAS (SECTION D.2.1.2.2).
 - F. FIFTY LINEAR FEET OF SILT FENCE (AND THE NECESSARY STAKES) PER ACRE OF DISTURBANCE MUST BE STOCKPILED ON SITE (SECTION D.2.1.3.1).
 - G. CONSTRUCTION ROAD AND PARKING LOT STABILIZATION ARE REQUIRED FOR ALL SITES UNLESS THE SITE IS UNDERLAIN BY COARSE—GRAINED SOIL (SECTION D.2.1.4.2).
 - H. SEDIMENT RETENTION IS REQUIRED UNLESS NO OFFSITE DISCHARGE IS ANTICIPATED FOR THE SPECIFIED DESIGN FLOW (SECTION D.2.1.5).
 - I. SURFACE WATER CONTROLS ARE REQUIRED UNLESS NO OFFSITE DISCHARGE IS ANTICIPATED FOR THE SPECIFIED DESIGN FLOW (SECTION D.2.1.6).
 - J. PHASING AND MORE CONSERVATIVE BMPS MUST BE EVALUATED FOR CONSTRUCTION ACTIVITY NEAR SURFACE WATERS (SECTION D.2.4.3).
 - K. ANY RUNOFF GENERATED BY DEWATERING MAY BE REQUIRED TO DISCHARGE TO THE SANITARY SEWER (WITH APPROPRIATE DISCHARGE AUTHORIZATION), PORTABLE SAND FILTER SYSTEMS, OR HOLDING TANKS (SECTION D.2.2).
 - L. WHEN LOCATED WITHIN AN ENVIRONMENTALLY CRITICAL AREA, A WET SEASON PERMIT IS REQUIRED.

MONITORING PROGRAM

MONITORING OF THE PROJECT AFTER CONSTRUCTION SHALL BE IN ACCORDANCE WITH PROGRAMMATIC REQUIREMENTS BY FEMA AND THOSE OF THE ARMY CORPS OF ENGINEERS. A SUMMARY OF RECOMMENDED LONG-TERM MONITORING ACTIVITIES IS PRESENTED IN THE TABLE BELOW:

LONG TERM MONITORING PROGRAM			
MOINTORING GOAL	METRIC	MONITORING FREQUENCY	TIMING
- LOCAL IMPACTS - LWD REMAINS IN-TACT	- QUALITATIVE GEOMORPHIC OBSERVATIONS -MEASURED CROSS SECTIONS	ANNUALLY, FIVE YEARS	EARLY LOW-FLOW EVENT
- 60% PLANT SURVIVAL -80% PLANT COVERAGE	- PLANTING SURVEY	ANNUALLY, THREE YEARS	GROWING SEASON END
- STABILITY DURING HIGH FLOW - HIGH FLOW HYDROLOGY	- VIDEO RECORDS - QUALITATIVE GEOMORPHIC OBSERVATIONS	AS NEEDED, FIVE YEARS+	>2-YEAR HIGH-FLOW EVENTS



ISD HOLLY STREET CAMPUS PERMANENT CREEK REPAIR 565 NW HOLLY STREET ISSAQUAH, WA 98027		
NO.	REVISION / ISSUE	DATE

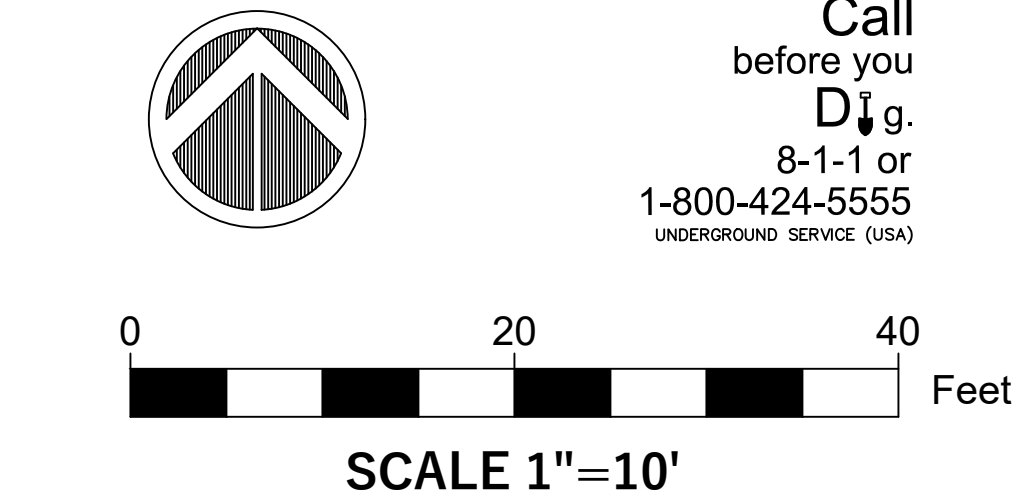
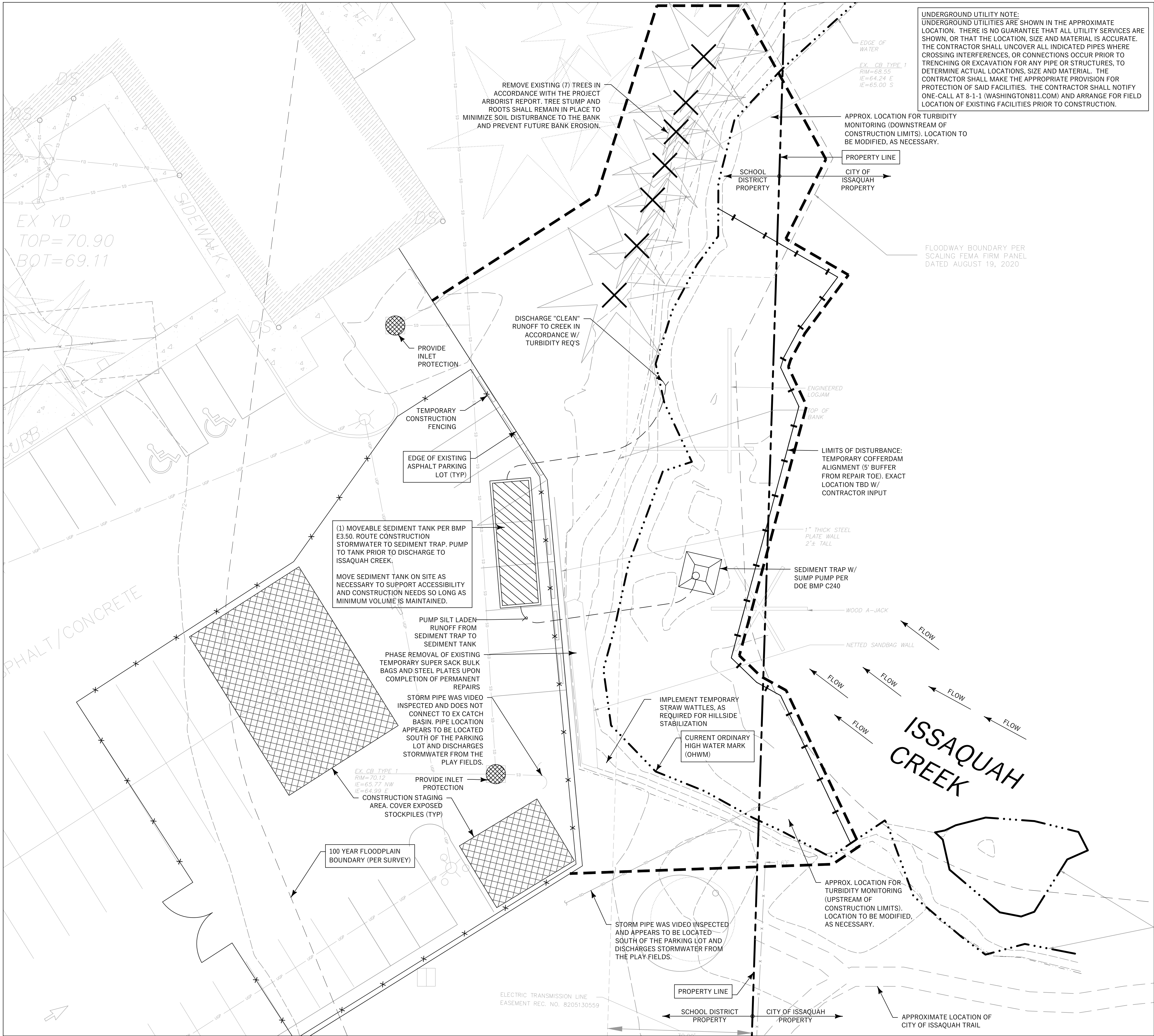
OWNER:
ISSAQUAH SCHOOL DISTRICT
5150 220TH AVE SE
ISSAQUAH, WA 98029

CONTACT: JANELLE WALKER
PHONE: 425.306.4022

GEOTECHNICAL ENGINEER:
NELSON GEOTECHNICAL ASSOCIATES
17311 135TH AVE. N.E. SUITE A-500
WOODINVILLE, WA 98072

CONTACT: KHAL M. SHAWISH, PE
PHONE: 425.486.1669

PROJECT: 2020-19	SHEET:
DATE: 2021.10.22	C-110
SCALE: SEE PLAN	
SPECIFICATIONS & NOTES	



LEGEND	
PROPERTY LINE	---
EXISTING CONTOUR	---268---
LIMITS OF CONSTRUCTION	- - - - -

THE ESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DO NOT LEAVE THE SITE. ANY SUCH FACILITIES INSTALLED MUST BE MAINTAINED IN PROPER OPERATING CONDITION UNTIL ALL DISTURBED AREAS HAVE BEEN REVEGETATED OR OTHERWISE DEVELOPED AND THE POTENTIAL FOR EROSION ELIMINATED.

- GENERAL TESC NOTES:**
- THE EROSION & SEDIMENT CONTROL (ESC) MEASURES SHOWN ON THIS PLANS ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE ESC MEASURES MUST BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND MODIFIED TO ACCOUNT FOR CHANGING SITE CONDITIONS (E.G. ADDITIONAL COVER MEASURES, PUMPING AND CONTAINMENT, RELOCATION OF DITCHES AND SILT FENCES, PERIMETER PROTECTION ETC.)
 - THESE FACILITIES MUST BE SATISFACTORILY MAINTAINED UNTIL THE CONSTRUCTION AND LANDSCAPING IS COMPLETED AND THE POTENTIAL FOR ONSITE EROSION HAS PASSED. THE ESC PLANS ARE TO BE CONSIDERED A DYNAMIC MINIMUM GUIDELINE AND AS SUCH WILL MOST LIKELY HAVE TO BE CONTINUALLY EVALUATED AND/OR MODIFIED DEPENDING ON SITE CONDITIONS.
 - THE IMPLEMENTATION OF THESE ESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE DEVELOPER AND ESC SUPERVISOR UNTIL ALL CONSTRUCTION IS APPROVED.
 - STABILIZED CONSTRUCTION ENTRANCES MUST BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES, SUCH AS CONSTRUCTED WHEEL WASH SYSTEMS OR WASH PADS, MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN AND TRACK OUT TO ROAD RIGHT OF WAY DOES NOT OCCUR FOR THE DURATION OF THE PROJECT.
 - THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED PRIOR TO OR IN CONJUNCTION WITH ALL CLEARING AND GRADING SO AS TO ENSURE THAT THE TRANSPORT OF SEDIMENT TO SURFACE WATERS, DRAINAGE SYSTEMS, AND ADJACENT PROPERTIES IS MINIMIZED.
 - THE ESC FACILITIES MUST BE INSPECTED DAILY BY THE DEVELOPER/ESC SUPERVISOR AND MAINTAINED TO ENSURE CONTINUED PROPER FUNCTIONING. WRITTEN RECORDS MUST BE KEPT OF WEEKLY REVIEWS OF THE ESC FACILITIES.
 - SOILS MUST NOT REMAIN EXPOSED AND UNWORKED FOR MORE THAN 7 DAYS FROM MAY 1 THROUGH SEPTEMBER 30 AND NOT MORE THAN 48 HOURS FROM OCTOBER 1 AND APRIL 30. EXPOSED AND UNWORKED SOILS MUST BE COVERED BY MULCH, SODDING, PLASTIC COVERING, LUTE-MATTING, OR AS OTHERWISE APPROVED OR REQUIRED BY THE PUBLIC WORKS CONSTRUCTION INSPECTOR.
 - THE ESC FACILITIES ON INACTIVE SITES MUST BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH DURING THE DRY SEASON, BI-MONTHLY DURING THE WET SEASON, OR WITHIN 24 HOURS FOLLOWING A STORM EVENT.
 - AT NO TIME MAY MORE THAN 6-INCHES OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE LINES MUST BE CLEANED PRIOR TO PAVING AND FINAL APPROVAL. THE CLEANING OPERATION MAY NOT FLUSH SEDIMENT-LADEN WATER INTO THE DOWNSTREAM SYSTEM.
 - DUST GENERATED DURING CONSTRUCTION ACTIVITIES MUST BE CONTROLLED BY WETTING DUST SOURCES SUCH AS AREAS OF EXPOSED SOILS, WASHING TRUCK WHEELS BEFORE THEY LEAVE THE SITE, AND INSTALLING AND MAINTAINING ROCK CONSTRUCTION ENTRANCES. CONTRACTORS MUST MECHANICALLY SWEEP STREETS DAILY WITH VACUUM SWEEPER UNLESS OTHERWISE APPROVED.
 - ANY EXCAVATED MATERIAL REMOVED FROM THE CONSTRUCTION SITE AND DEPOSITED ON PROPERTY WITHIN THE CITY LIMITS MUST BE DONE IN COMPLIANCE WITH A VALID CLEARING & GRADING PERMIT. LOCATIONS FOR THE MOBILIZATION AREA AND STOCKPILED MATERIAL MUST BE APPROVED BY THE CLEARING AND GRADING INSPECTOR AT LEAST 24 HOURS IN ADVANCE OF ANY STOCKPILING.
 - WHERE STRAW MULCH FOR TEMPORARY EROSION CONTROL IS REQUIRED, IT SHALL BE APPLIED AT A MINIMUM THICKNESS OF 2-INCHES.
 - PRIOR TO SEPTEMBER 15, ALL DISTURBED AREAS SHALL BE REVIEWED TO IDENTIFY WHICH ONES CAN BE SEEDED IN PREPARATION FOR THE WINTER RAINS. DISTURBED AREAS SHALL BE SEEDED PRIOR TO OCTOBER 1.
 - REMOVE ALL ESC MEASURES ONCE ALL WORK IS COMPLETED AND SITE IS PERMANENTLY STABILIZED.

- TESC AND TURBIDITY MONITORING:**
- DISCHARGE FROM THE PROJECT SITE SHALL NOT EXCEED THE NTU LIMIT AT ALL TIMES UP TO THE 10 YEAR/24 HOUR STORM EVENT. THIS EVENT IS DEFINED AS 3.15 INCHES OF RAINFALL OVER A 24 HOUR PERIOD, AS MEASURED AT THE CITY'S RAIN GAGE. DATA FROM THIS RAIN GAGE IS POSTED ON THE CITY'S WEBSITE. THE DISCHARGE LIMIT TO A NATURAL WATER BODY IS 5 NTU OVER BACKGROUND, OTHERWISE THE LIMIT SHALL BE 100 NTU. EXCEEDANCE OF THE NTU LIMIT IS CONSIDERED A VIOLATION OF THE PERMIT AND IS SUBJECT TO STOP WORK AND CODE VIOLATION PENALTIES.
 - THE CITY OF ISSAQUAH WILL MEASURE THE TURBIDITY OF ANY DISCHARGE AT THE DESIGNATED MONITORING POINTS TO VERIFY COMPLIANCE WITH THE DISCHARGE LIMIT. THE TESC SUPERVISOR SHALL BE NOTIFIED OF DISCHARGES ABOVE 25 NTUS, SO THAT ACTION CAN BE TAKEN TO KEEP DISCHARGES BELOW THESE THRESHOLD LEVELS. FOR PROJECT SITES WHERE DESIGNATING A MONITORING POINT IS NOT FEASIBLE (E.G. FLAT SITES), THE MONITORING LOCATIONS WILL BE AT THE DISCRETION OF THE CITY OF ISSAQUAH.
 - MONITORING POINTS SHALL BE READILY ACCESSIBLE TO THE CITY OF ISSAQUAH AT ALL TIMES FOR ALL PHASES OF CONSTRUCTION.
 - FAILURE TO PROVIDE AND MAINTAIN APPROVED TESC FACILITIES AT CONSTRUCTION SITES IS CONSIDERED A VIOLATION OF THE PERMIT AND IS SUBJECT TO STOP WORK AND CODE VIOLATION PENALTIES.
 - ANY DISCHARGE TO A STREAM, LAKE OR WETLAND SHALL NOT EXCEED WATER QUALITY STANDARDS PER WAC 173-201A. FAILURE TO MEET WAC 173-201A IS CONSIDERED A VIOLATION OF THE PERMIT AND IS SUBJECT TO STOP WORK AND CODE VIOLATION PENALTIES.

ISD HOLLY STREET CAMPUS
PERMANENT CREEK REPAIR

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WOODINVILLE, WA 98072

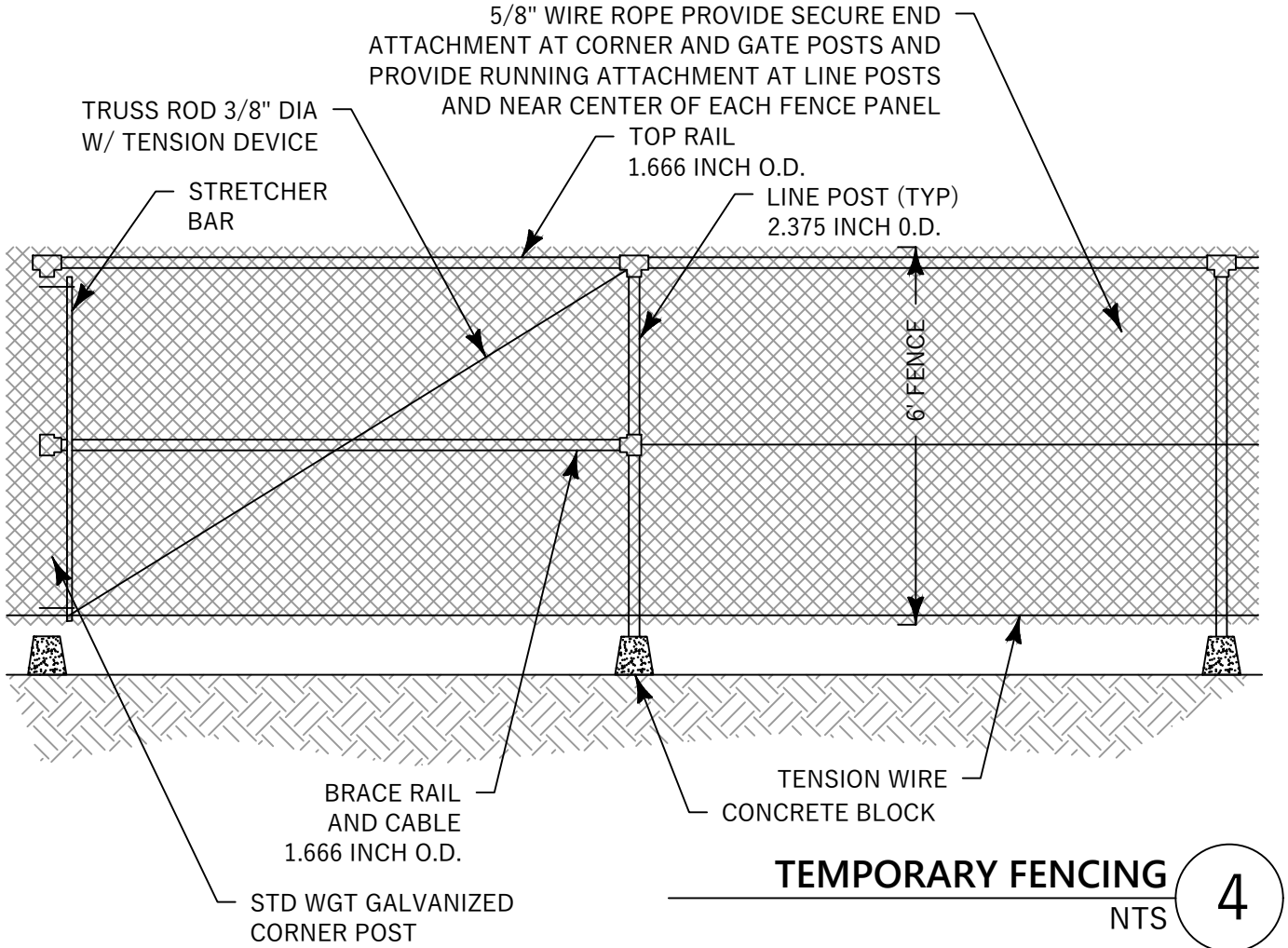
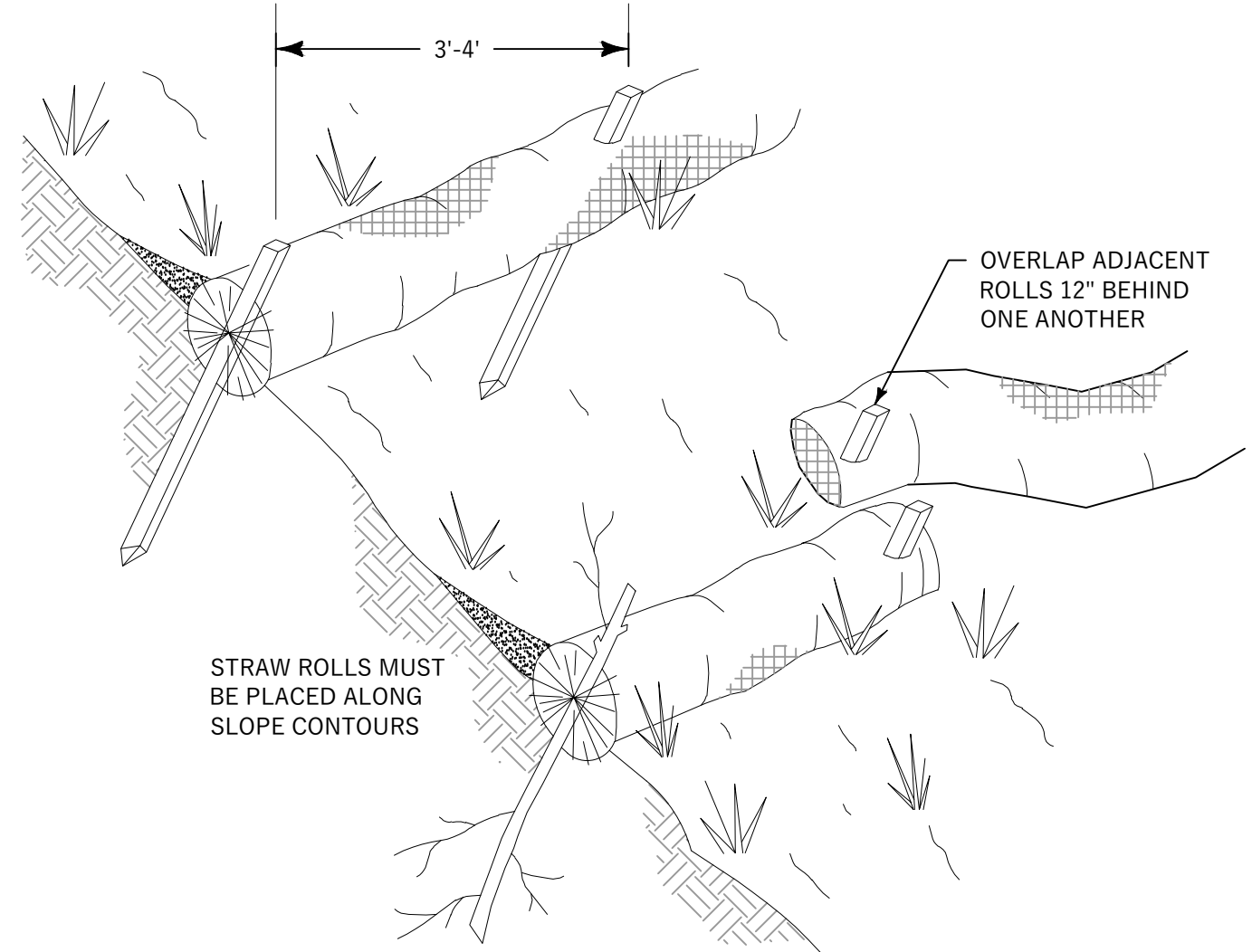
CONTACT: KHAL M. SHAWISH, PE
PHONE: 425.486.1669

PROJECT: 2020-19 SHEET:
DATE: 2021.10.22 C-200
SCALE: SEE PLAN

TEMPORARY EROSION AND
SEDIMENT CONTROL PLAN

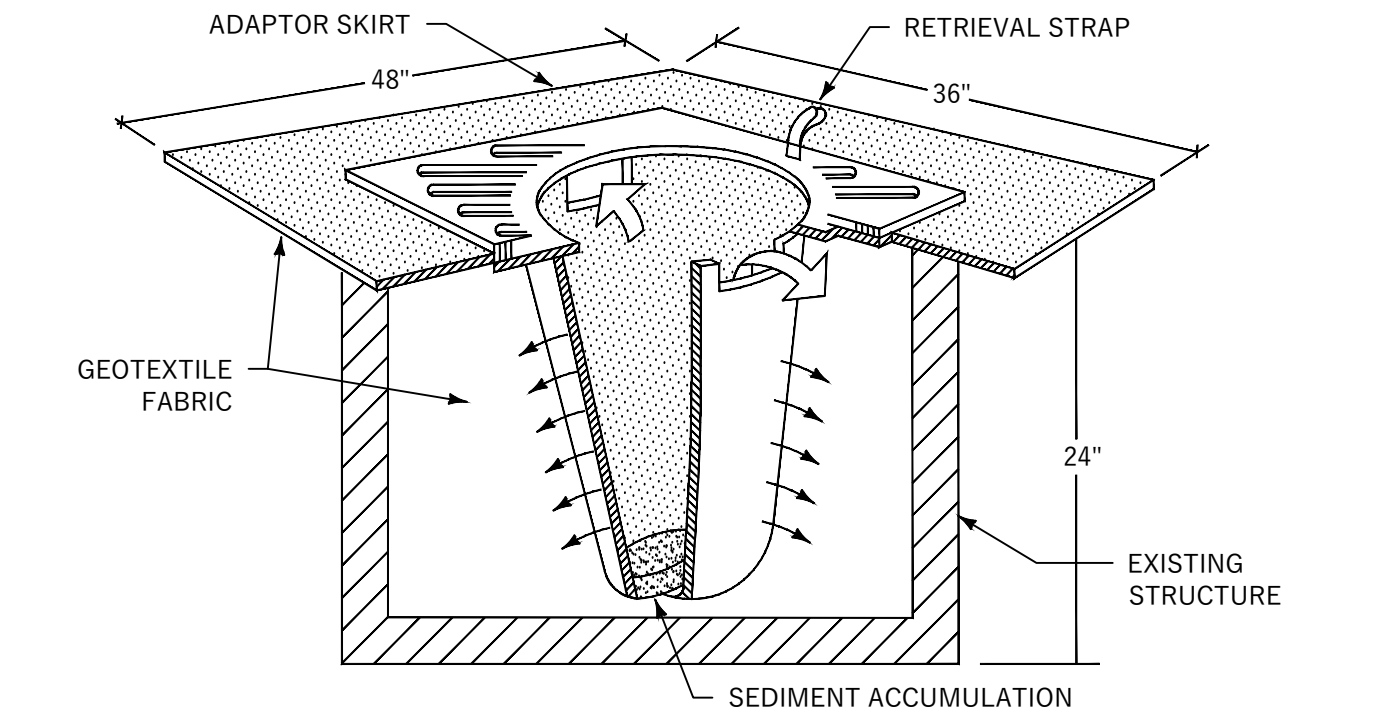
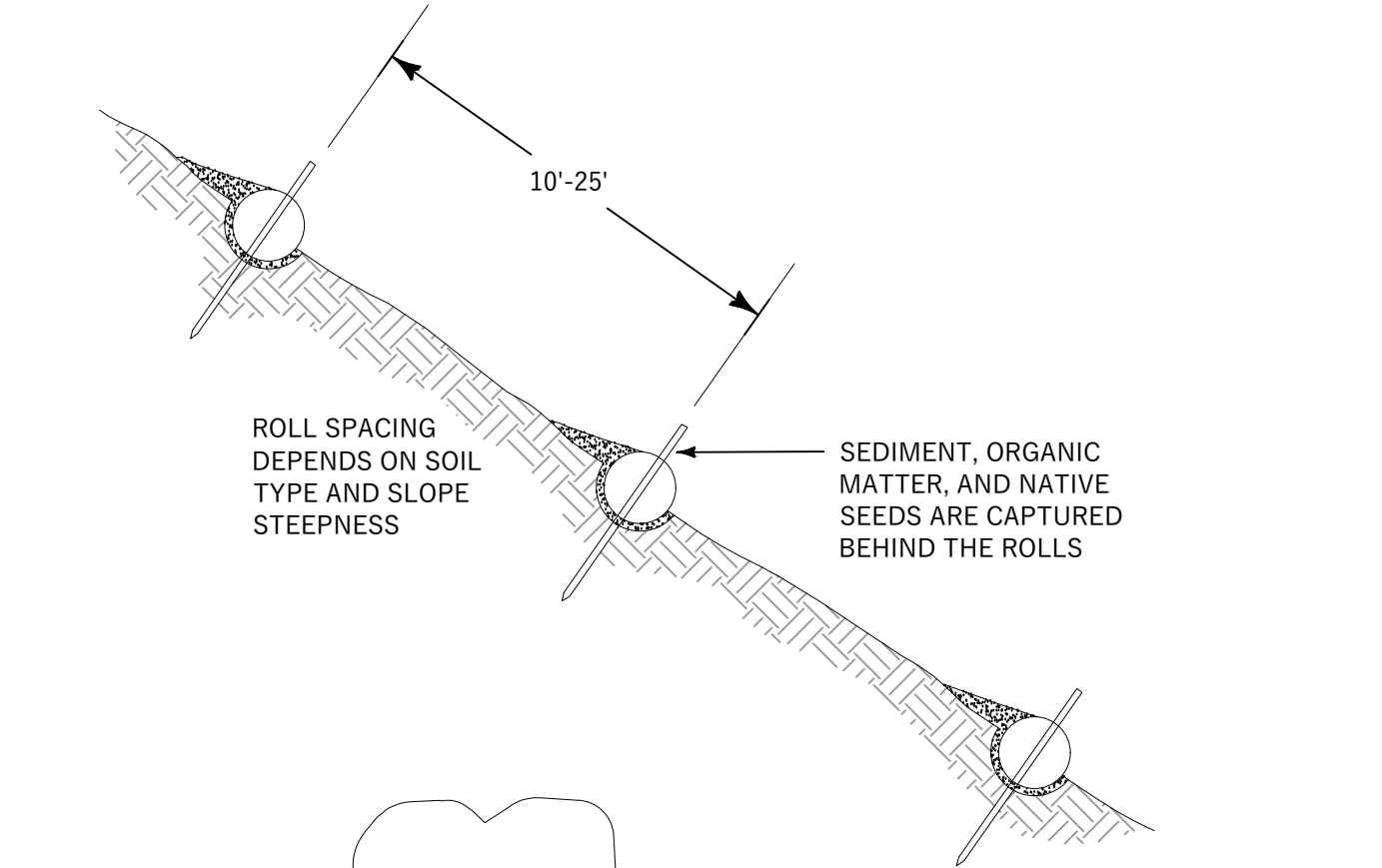
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NTS 1

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NTS 2



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NTS 5

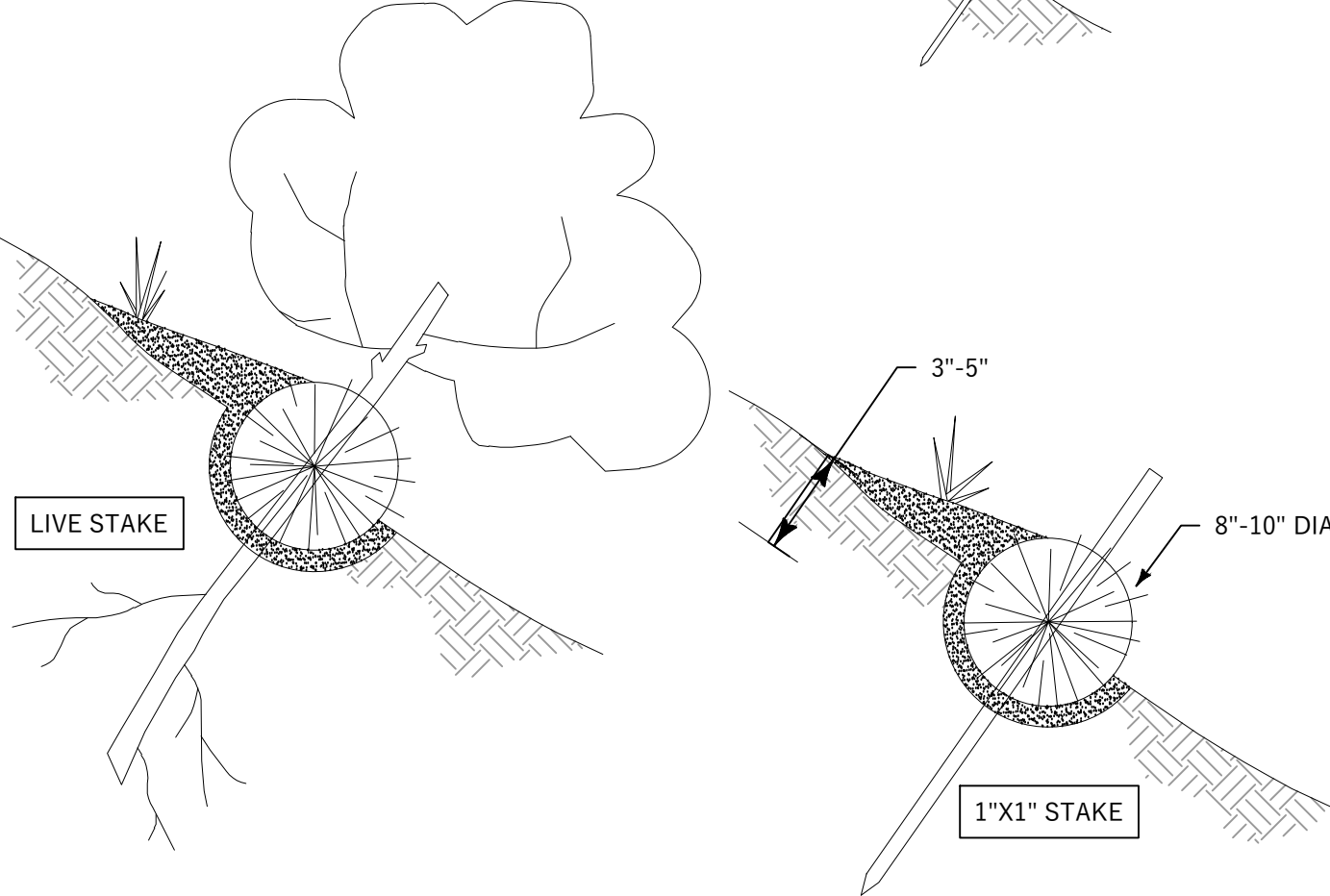
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NTS 6



NOTES:
1. FILTERS SHALL BE INSPECTED AFTER EACH STORM EVENT AND CLEANED OR REPLACED WHEN 1/3 FULL.
2. INSTALL INLET PROECTION IN ALL NEW STORM STRUCTURES THAT WILL COLLECT STORMWATER AS THEY ARE INSTALLED.

NOT USED
NTS 9

NOT USED
NTS 10



NOTES:
1. FILTERS STRAW ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3" X 5" (75-125MM) DEEP, DUG ON CONTOUR.
2. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.

NOT USED
NTS 12

NOT USED
NTS 13

NOT USED
NTS 14

NOT USED
NTS 15

NOT USED
NTS 16



ISS HOLLY STREET CAMPUS
PERMANENT CREEK REPAIR

565 NW HOLLY STREET
ISSAQUAH, WA 98027

NO.	REVISION / ISSUE	DATE

OWNER:
ISSAQUAH SCHOOL DISTRICT
5150 220TH AVE SE
ISSAQUAH, WA 98029

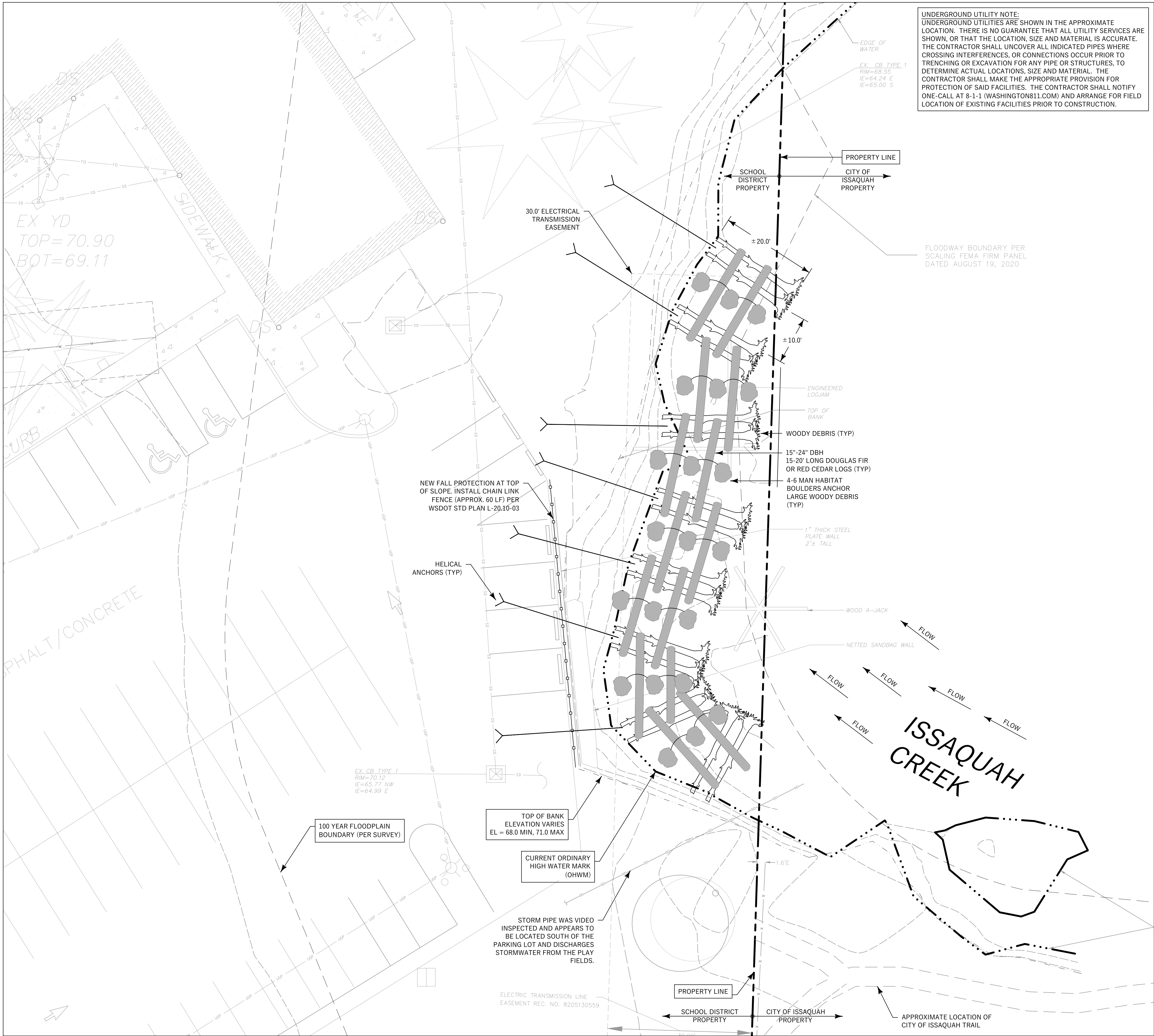
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WOODINVILLE, WA 98072

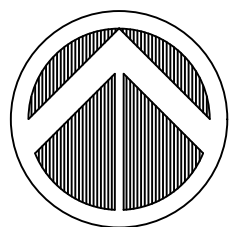
CONTACT: KHAL M. SHAWISH, PE
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PROJECT: 2020-19	SHEET:
DATE: 2021.10.22	C-210
SCALE: SEE PLAN	

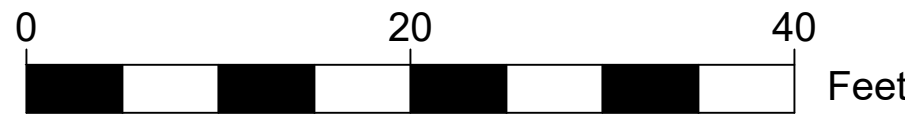
T.E.S.C DETAILS



UNDERGROUND UTILITY NOTE:
UNDERGROUND UTILITIES ARE SHOWN IN THE APPROXIMATE LOCATION. THERE IS NO GUARANTEE THAT ALL UTILITY SERVICES ARE SHOWN, OR THAT THE LOCATION, SIZE AND MATERIAL IS ACCURATE. THE CONTRACTOR SHALL UNCOVER ALL INDICATED PIPES WHERE CROSSING INTERFERENCES, OR CONNECTIONS OCCUR PRIOR TO TRENCHING OR EXCAVATION FOR ANY PIPE OR STRUCTURES, TO DETERMINE ACTUAL LOCATIONS, SIZE AND MATERIAL. THE CONTRACTOR SHALL MAKE THE APPROPRIATE PROVISION FOR PROTECTION OF SAID FACILITIES. THE CONTRACTOR SHALL NOTIFY ONE-CALL AT 8-1-1 (WASHINGTON811.COM) AND ARRANGE FOR FIELD LOCATION OF EXISTING FACILITIES PRIOR TO CONSTRUCTION.



Call
before you
Dig.
8-1-1 or
1-800-424-5555
UNDERGROUND SERVICE (USA)



SCALE 1"=10'

LEGEND

PROPERTY LINE
EXISTING CONTOUR

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TESC AND TURBIDITY MONITORING:

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ISD HOLLY STREET CAMPUS
PERMANENT CREEK REPAIR

565 NW HOLLY STREET
ISSAQUAH, WA 98027

NO.	REVISION / ISSUE	DATE

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5150 220TH AVE SE
ISSAQUAH, WA 98029

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GEOTECHNICAL ENGINEER:
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WOODINVILLE, WA 98072

CONTACT: KHAL M. SHAWISH, PE
PHONE: 425.486.1669

PROJECT: 2020-19
DATE: 2021.10.22
SCALE: SEE PLAN

SHEET:

C-300

CONSTRUCTION SITE PLAN

NOT USED
NTS 1

NOT USED
NTS 2

NOT USED
NTS 5

NOT USED
NTS 6

NOT USED
NTS 9

NOT USED
NTS 10

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NTS 11

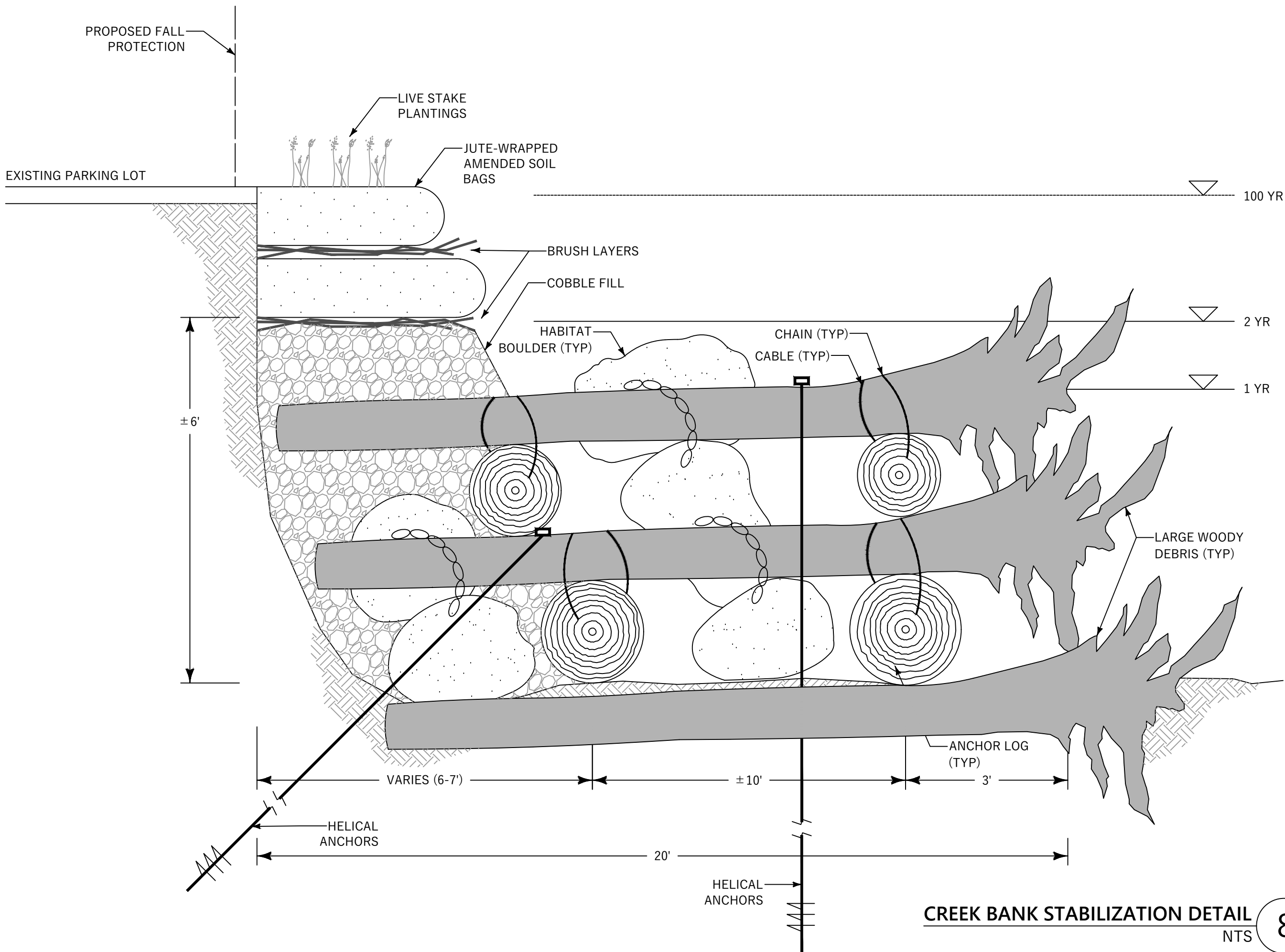
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NTS 12

NOT USED
NTS 13

NOT USED
NTS 14

NOT USED
NTS 15

NOT USED
NTS 16



ISD HOLLY STREET CAMPUS
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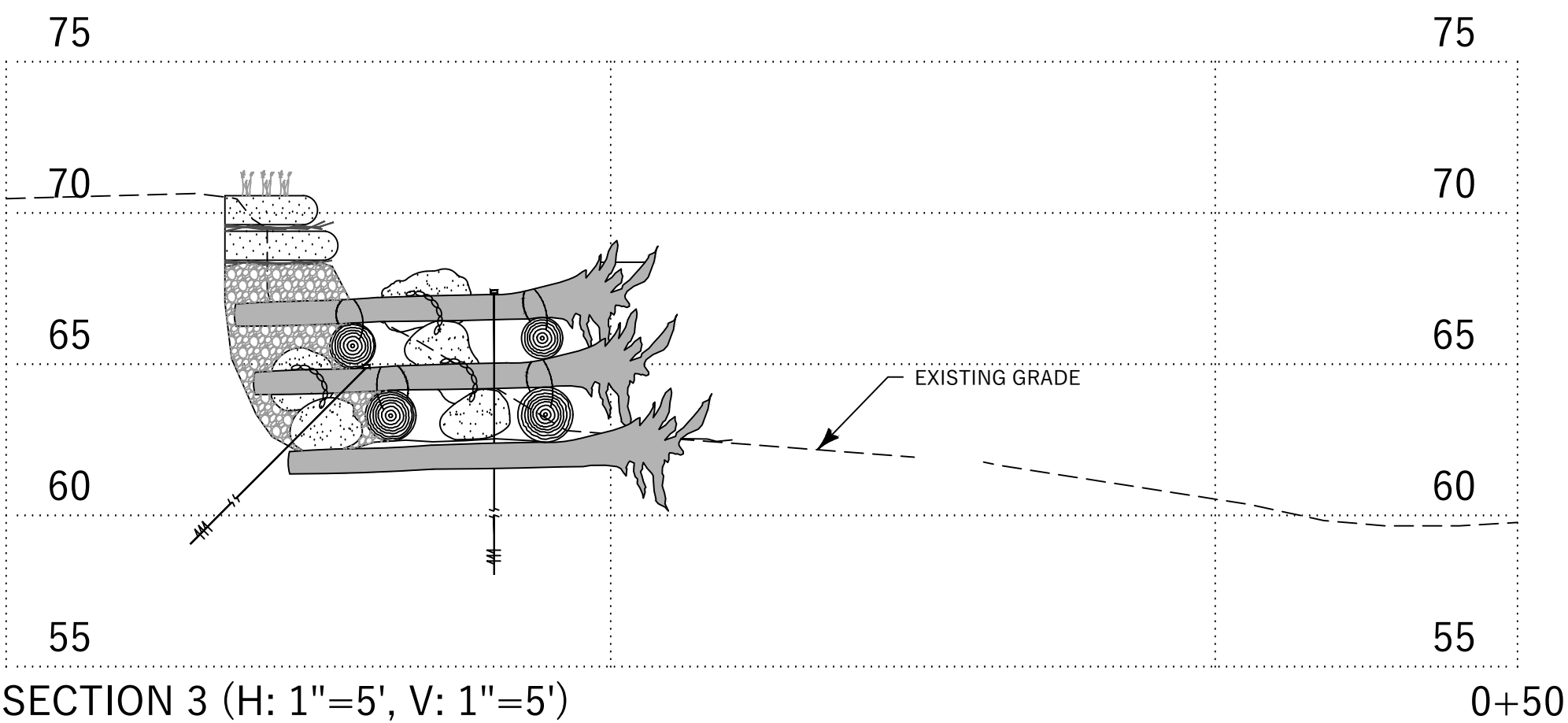
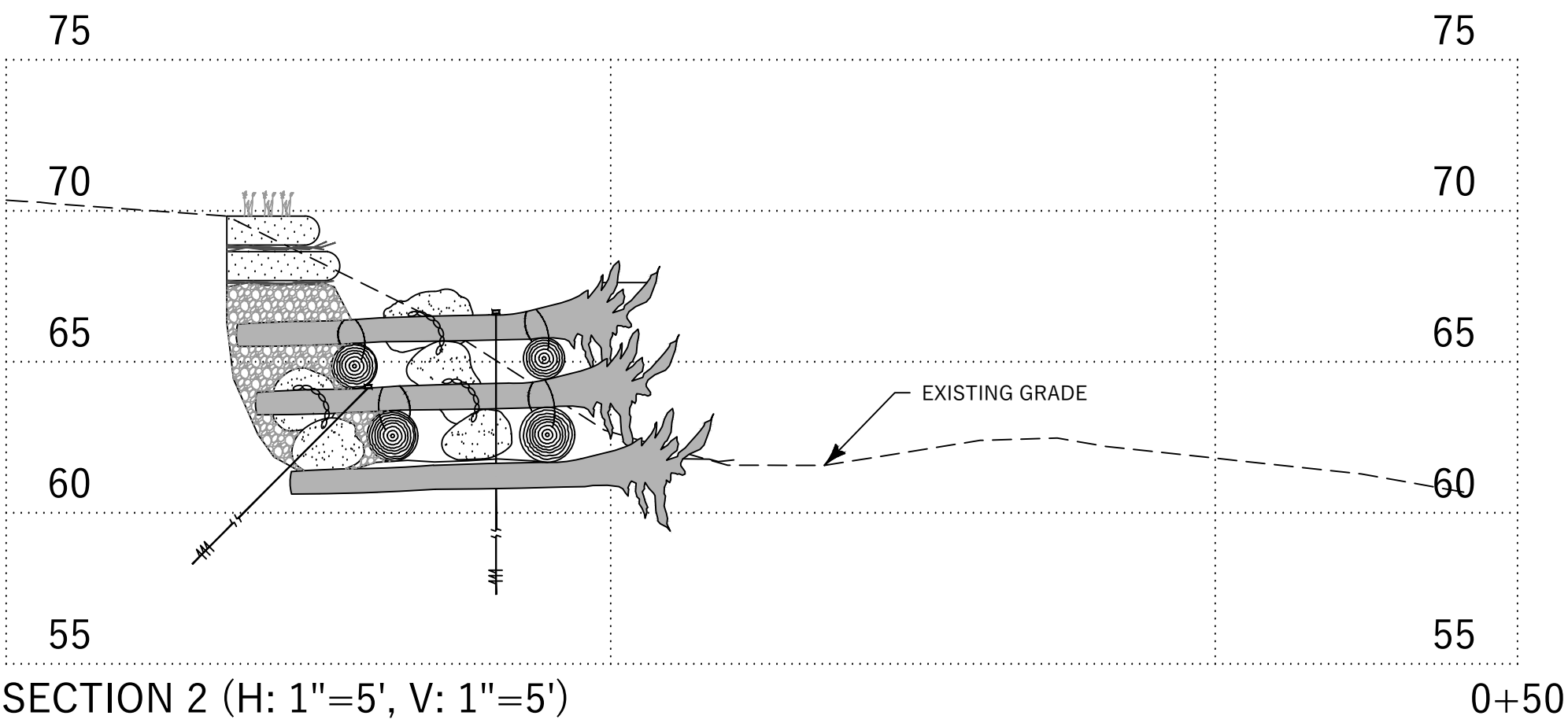
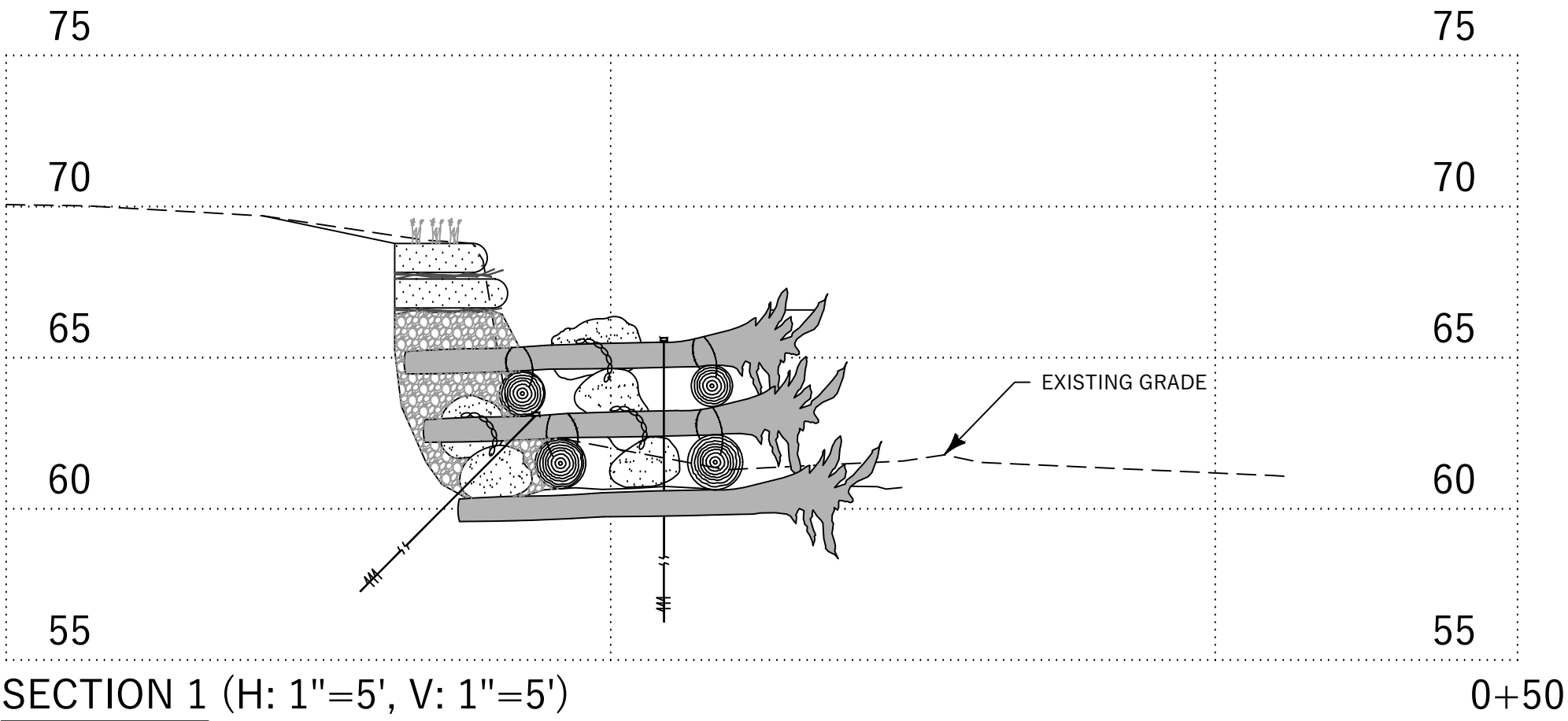
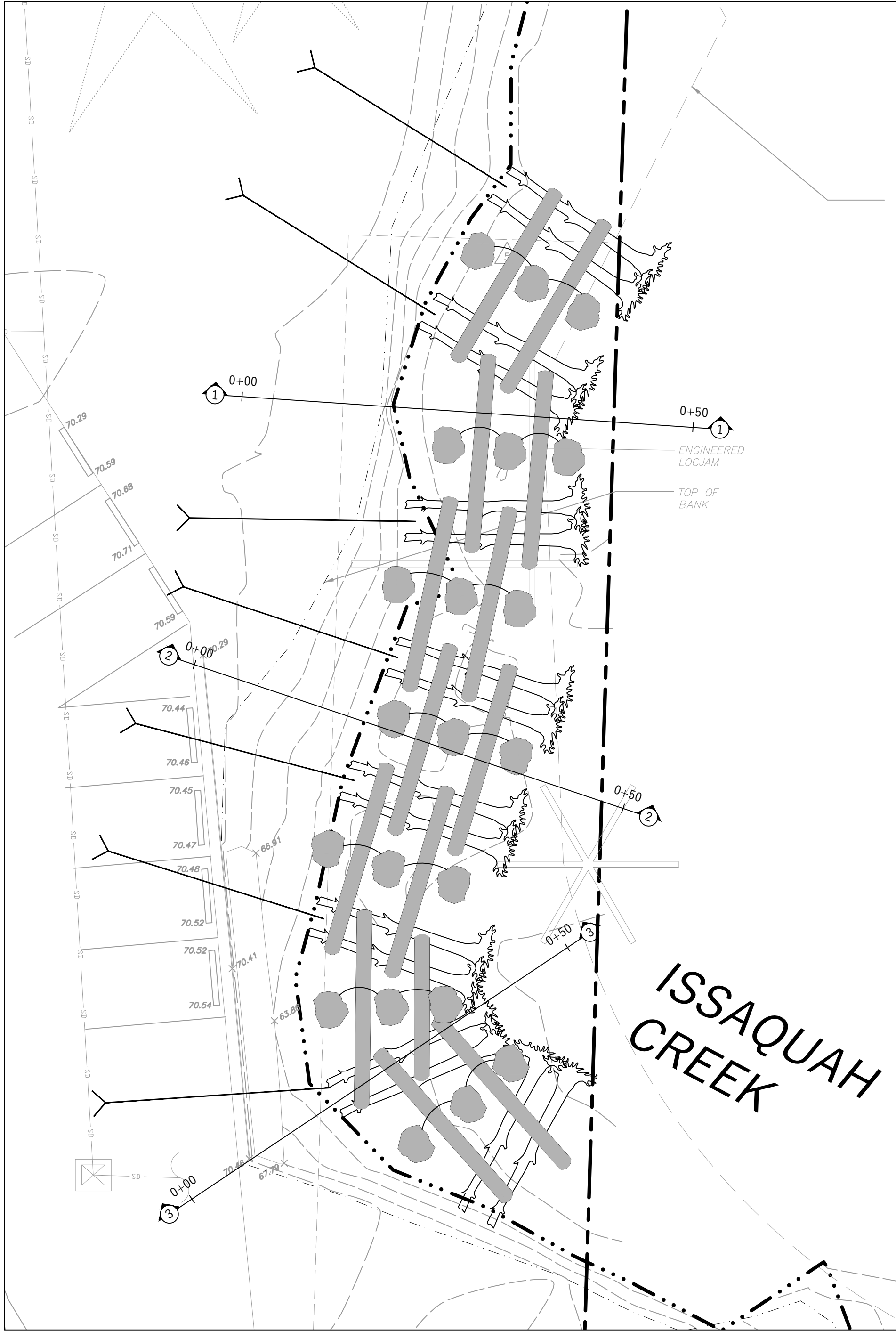
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CONTACT: KHAL M. SHAWISH, PE
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PROJECT: 2020-19	SHEET:
DATE: 2021.10.22	C-310
SCALE: SEE PLAN	

CONSTRUCTION
DETAILS

SITE PLAN (SCALE: 1"=10')



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PROJECT:	2020-19	SHEET:
DATE:	2021.10.22	C-311
SCALE:	SEE PLAN	

STREAM
SECTIONS